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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/629,416	07/29/2003	Steven P. McGahn	112300-1666	5965
29159	7590	04/27/2006	EXAMINER	
BELL, BOYD & LLOYD LLC P. O. BOX 1135 CHICAGO, IL 60690-1135			SHAH, MILAP	
			ART UNIT	PAPER NUMBER
			3712	
DATE MAILED: 04/27/2006				

Please find below and/or attached an Office communication concerning this application or proceeding.

## Office Action Summary

Application No.

10/629,416

Applicant(s)

MCGAHN ET AL.

Examiner

Milap Shah

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☒ Responsive to communication(s) filed on 20 March 2006.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 1-74 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-74 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
  - ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- 1) ☐ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date 3/20/06.
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_\_.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_\_.

**DETAILED ACTION*****Continued Examination Under 37 CFR 1.114***

A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on March 20, 2006 has been entered.

***Claim Rejections - 35 USC § 103***

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

**Claims 1-46, 49-51, & 54-74 are rejected under 35 U.S.C. 103(a) as being unpatentable over Adams, U.S. Patent 5,823,874 (Oct. 20, 1998) (hereinafter "*Adams*") in view of Groetchen, U.S. Patent 1,978,395 (Apr. 23, 1934) (hereinafter "*Groetchen*").**

*Adams* discloses a gaming device incorporating primary and secondary game displays within a single housing. *See fig. 1*. The primary embodiment employs a reel-type slot game as a primary display and a wheel-type game as a secondary display. *See fig. 1; col. 6:16-33*. However, *Adams* suggests the displays may be replaced with other standard gaming units that preferably include mechanical displays to reveal outcomes because they provide patrons a heightened level of anticipation and excitement. *See col. 3:53-60, col. 6:16-33*. Furthermore, *Adams* suggests the games should provide players with clear

visual and audible indications to be readily discernable. *See id.* Still furthermore, the reference suggests that the bonus may alternatively employ games requiring elements of player skill. *See col. 6:40-47.*

In specific regards to the Applicants' claims, *Adams* teaches the following features:

- a. Cabinet with primary and secondary display supported by the cabinet. *See fig. 1.* A primary game is adapted to the primary display and a secondary game is adapted to the secondary display.
- b. A display mounted to the cabinet, a plurality of symbols displayed on a portion of the display and a processor operable to select symbols and control the display to display the selected symbols. *See col. 5:30-49.* The player activates the selection of a symbol which is incorporated in the award (i.e. a value enticement award).
- c. A directional indicator displayed by the first display which directs the player to the second display and processor which causes the directional indicator to direct the player to the second display. *See col. 2:30-48, 4:46-59. (Claims 17-19, 44, 45, 61, & 65)*

However, *Adams* lacks slidable members (i.e. a first and/or second movable member, wherein each movable member has its own actuator) selectively masking a portion of the secondary display wherein selected symbols on the secondary display are revealed by actuating the movable member(s) and a processor operable to cause the movable member(s) to reveal a portion of the video display.

Regardless of the deficiencies, these features were known in the art at the time of the invention and would have been obvious to an artisan.

*Groetchen* discloses a slot machine device in which slidable member (i.e. shutters) selectively mask a display wherein the device selects symbol from a plurality of symbols; displays symbols on the display; and reveals the symbols by moving the movable member. *See fig. 1-3; pp. 1:39-54; 1:63-6, 3:13-58.* The reference suggests masking the outcomes with movable shutters allows various games with the

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device. *See p. 3:44-50.* Generally, *Groetchen* describes a mechanical game device allowing the successive display of game outcomes using movable members.

In view of *Groetchen*, it would have been obvious to one of ordinary skill in the art at the time of the invention to modify *Adams*, wherein a secondary display provides bonus payout, to add a secondary display wherein movable members selectively masks the secondary display, the device selects a symbol from a plurality of symbols; displays the symbol on the secondary display; and actuates the movable member to move to reveal the symbol by actuating the movable member. As suggested by *Adams*, the modification would provide a standard gaming including moving objects that reveal outcomes with clear visual and audible indications and thereby enhance the device by heightening players' level of anticipation and excitement. *See col. 3:53-60.* Furthermore, as suggested by *Groetchen*, the modification would provide an enhanced secondary game display supporting a variety of games. *See p. 3:44-50.*

In further regards to claims 2, 19 and 32: *Adams* additionally teaches a processor for electromechanically controlling a secondary display comprised of a mechanical indicator in which the processor controls the operation of the secondary display. *See 3:60-4:6.* Thus, it would have been obvious to an artisan at the time of the invention to modify the gaming device described by the combination of *Adams* and *Groetchen*, to add the feature of a processor operable to cause the movable member to reveal a portion of the video display to control the movable members. As taught by *Adams*, the modification would enhance the device by allowing it to be controlled by a random number generator while maintaining the mechanical appearance of the game. *See col. 3:61-4:6.*

In regards to claims 3, 22, 29, 34 & 50: *Groetchen* teaches a triggering event wherein a processor causes the actuator to move the movable member to reveal the secondary display upon occurrence of the triggering event. *See p. 3:41-50.*

In regards to claims 4-6, 44 and 51: *Groetchen* additionally teaches a plurality of slidable members that mask first and second portions of the second display wherein a motor are connected to each member and a processor causes the motors to slide the members to reveal masked symbols such as award indicia. *See fig. 1-5; p. 3:41-50.*

In regards to claims 7, 20, 46, 59, 65 and 66: *Adams* teaches symbols that include award indicia. *See fig. 1.*

In regards to claims 8, 24, 43, 54, 60, and 67: The game system described by the combination of *Adams* and *Groetchen* does not disclose a speaker by which the processor generates a sound effect when the movable members reveal a secondary display. Regardless, it is notoriously well known in the art for gaming devices to incorporate processors that generate a sound effects through speakers in association with game events to provide players with audio indications in association with visual displays to enhance the interaction and entertainment of players. Thus, it would have been obvious to one of ordinary skill in the art at the time of the invention to add the feature of a speaker by which the processor generates a sound effect when the movable member reveals a secondary display to the gaming device described by the combination of *Adams* and *Groetchen* to enhance the device by improving communicating and entertainment through increased interaction with players.

In regards to claims 9, 23 and 35: *Groetchen* teaches an actuator causing the movable member to reveal the secondary display after a player activated device is activated. *See id.*

In regards to claims 10, 25 and 36: *Adams* teaches a secondary display that is a video display. *See col. 5:30-50.* The reference does not describe television, dot-matrix, cathode-ray tubes, light-emitting diode, liquid crystal, and electro-luminescent displays. Regardless, these display means are equivalents substitutable for the same purpose of displaying visual game information to a player. Thus, it would have been obvious to an artisan at the time of the invention to modify *Adams*, wherein the secondary

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display is a video display, to substitute television, dot-matrix, cathode-ray tubes, light-emitting diode, liquid crystal, and electro-luminescent displays to display visual game information to a player.

In regards to claims 11-16, 26, 37-42, 55, 56, 62-64 and 68-71: *Adams* teaches a secondary display that includes a mechanical reel, movable roller or wheel displaying award indicia. *See col. 6:17-33*.

In regards to claims 21, 33 and 49 *Groetchen* teaches movable members made of non-transparent material. *See fig. 1-5; p. 3:41-50*.

**Claims 47 & 48 are rejected under 35 U.S.C. 103(a) as being unpatentable *Adams* in view of *Groetchen*, as applied to claims 1-46, 49-51, & 54-74 above, in further view of Takeuchi et al., U.S. Patent 6,0896,066 (Jul. 11, 2000) (hereinafter "*Takeuchi*").**

The gaming system suggested by the combination of *Adams* in view of *Groetchen* describes all the features of the instant claims except sensing devices to stop the motors from sliding the movable members and optical switches located to detect when a display is revealed. Regardless of the deficiencies, these features were known in the art at the time of the invention and would have been obvious to an artisan.

*Takeuchi* discloses a game system analogous to *Groetchen* in which movable members are driven by a motor to mask a portion of a game display. *See fig. 1-3*. In particular, the reference describes sensing devices to stop the motors from sliding the movable members and optical switches located to detect when a display is set in its desired position. *See col. 5:36-58*.

In view of *Takeuchi*, it would have been obvious to one of ordinary skill in the art at the time of the invention to modify The gaming system suggested by the combination of *Adams* in view of *Groetchen*, wherein a movable members are driven by a motor to mask a portion of a game display, to add the feature of sensing devices to stop the motors from sliding the movable members and optical

switches located to detect when a display is revealed to provide feedback to the game processor and thereby improve control or detect malfunctions in the operation of the movable member.

**Claims 52 & 53 are rejected under 35 U.S.C. 103(a) as being unpatentable *Adams* in view of *Groetchen*, as applied to claims 1-46, 49-51, & 54-74 above, further in view of Heywood et al., U.S. Patent 4,326,351 (Apr. 27, 1982) (hereinafter "*Heywood*").**

As stated previously, *Adams* teaches connecting a mechanical secondary display to a processor such that a processor selects symbols for displayed on the secondary display medium. *See col. 3:61-67*. Furthermore, the reference suggests that other known mechanical displays may be substituted for the described wheel display. *See 6:26-34*. Thus, the gaming system suggested by the combination of *Adams* with *Groetchen* describes all the features of the instant claim except a secondary display device having a medium exhibiting symbols that is coupled between a drive roller and follower roller such that one of the symbols is shown in the second display. Regardless of the deficiencies, these features were known in the art at the time of the invention and would have been obvious to an artisan.

*Heywood* discloses a having a medium exhibiting symbols that is coupled between a drive roller and follower roller such that one of the symbols is shown in the second display wherein a processor controls the medium to display a selected symbol. *See fig. 2; 1:66-2:20*. The reference teaches that the roller driven medium provides a better alternative to reels than video displays because players can see the symbols belong to an unalterable strip and avoid an artificial appearance. *See col. 1:38-56*.

Consequently, it would have been obvious to one of ordinary skill in the art at the time of the invention to modify the gaming system described by the combination of *Adams* with *Groetchen* to add the feature of a secondary display device having a medium exhibiting symbols that is coupled between a drive roller and follower roller such that one of the symbols is shown in the second display to provides



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a alternative to a reel display while allowing players can see the symbols belong to an unalterable strip and avoiding an artificial appearance.

In regards to claim 53: The combination of *Adams* with *Groetchen* teaches an actuator causing the movable member to reveal the secondary display after a player activated device is activated. *See id.*

### ***Response to Arguments***

Applicant's arguments filed March 20, 2006, with respect to claims 1-74, have been fully considered but are not persuasive. In particular, the applicant argues that the claimed invention distinguishes over the combination of *Adams* and *Groetchen* because there is not motivation to combine *Adams* with *Groetchen*, (ii) *Adams* teaches away from in *Groetchen*, and (iii) *Groetchen* would destroy one of the expressly stated objects of *Adams*. Responses to each of these arguments are provided below.

In response to applicant's argument that there is no suggestion to combine the references, the examiner recognizes that obviousness can only be established by combining or modifying the teachings of the prior art to produce the claimed invention where there is some teaching, suggestion, or motivation to do so found either in the references themselves or in the knowledge generally available to one of ordinary skill in the art. *See In re Fine*, 837 F.2d 1071, 5 USPQ2d 1596 (Fed. Cir. 1988) and *In re Jones*, 958 F.2d 347, 21 USPQ2d 1941 (Fed. Cir. 1992). The standard of patentability is what the prior art taken as a whole at a time prior to the invention suggests to an artisan.


In this case, *Adams* discloses a gaming device incorporating primary and secondary game displays within a single housing. *See fig. 1*. The primary embodiment employs a reel-type slot game as a primary display and a wheel-type game as a secondary display. *See fig. 1; col. 6:16-33*. However, *Adams* suggests the displays may be replaced with other standard gaming units that preferably include mechanical displays to reveal outcomes because they provide patrons a heightened level of anticipation and excitement. *See col. 3:53-60, col. 6:16-33*. Furthermore, it suggests the games should provide players with clear visual and audible indications to be readily

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discernable. *See id.* Still furthermore, *Adams* suggests that the bonus game may alternatively employ games requiring elements of player skill. *See col. 6:40-47.*

*Groetchen* discloses a slot machine device in which slidable member (i.e. shutters) selectively mask a display wherein the device selects symbol from a plurality of symbols; displays symbols on the display; and reveals the symbols by moving the moveable member. *See fig. 1-3; pp. 1:39-54; 1:63-6, 3:13-58.* The reference suggests masking the outcomes with movable shutters allows various games with the device, including games involving player skill (e.g. stud poker and blackjack). *See fig. 1; p. 3:44-50.* Generally, *Groetchen* describes a mechanical game device allowing the successive display of game outcomes using movable members.

Thus, in this case the combination of *Adams* with *Groetchen*, when taken as a whole, suggests to an artisan at a time prior to the invention a gaming device having a mechanical secondary display wherein moveable members selectively mask the secondary display, the device selects a symbol from a plurality of symbols; displays the symbol on the secondary display; and actuates the moveable member to move to reveal the symbol by actuating the moveable member. As suggested by *Adams*, the modification would provide a standard gaming with new games providing winning payouts wherein a discernable secondary display includes moving objects that gradually reveal outcomes with clear visual and/or audible indications and thereby enhance the device by heightening players' level of anticipation and excitement. *See col. 1:35-49, 3:53-60.* Furthermore, as suggested by *Groetchen*, the modification would provide an enhanced game display supporting a variety of games. *See p. 3:44-50.*

 For at least the reasons stated above, the Examiner respectfully submits that there is sufficient motivation to make the combination *Adams* with *Groetchen*, and for clarification purposes, *Groetchen* is primarily used for a teaching of concealing outcomes in a game environment, and its other deficiencies as discussed by the Applicant are moot, since those specific features are not relied upon. *Groetchen*

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sufficiently teaches or suggests, to one having ordinary skill in the art, a slidable/movable member to cover/mask gaming outcomes.

### *Conclusion*

This is a "Request for Continued Examination" (RCE) of Application No. 10/629,416. All claims are drawn to the same invention claimed in the earlier prosecution before a RCE was filed and could have been finally rejected on the grounds and art of record in the next Office action if they had been entered in the earlier prosecution. Accordingly, **THIS ACTION IS MADE FINAL** even though it is a first action in this case after a RCE. See MPEP § 706.07(b). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after the end of the **THREE-MONTH** shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no, however, event will the statutory period for reply expire later than **SIX MONTHS** from the mailing date of this final action.

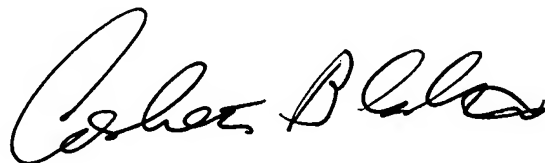
Any inquiry concerning this communication or earlier communications from the examiner should be directed to Milap Shah whose telephone number is (571) 272-1723. The examiner can normally be reached on M-F: 9:30AM-6:00PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's acting supervisor, Scott Jones can be reached on (571) 272-4438. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

M.B.S.

A handwritten signature in black ink, appearing to read "Corbett B. Coburn". The signature is fluid and cursive, with the first name "Corbett" being more prominent.

**CORBETT B. COBURN**  
**PRIMARY EXAMINER**